



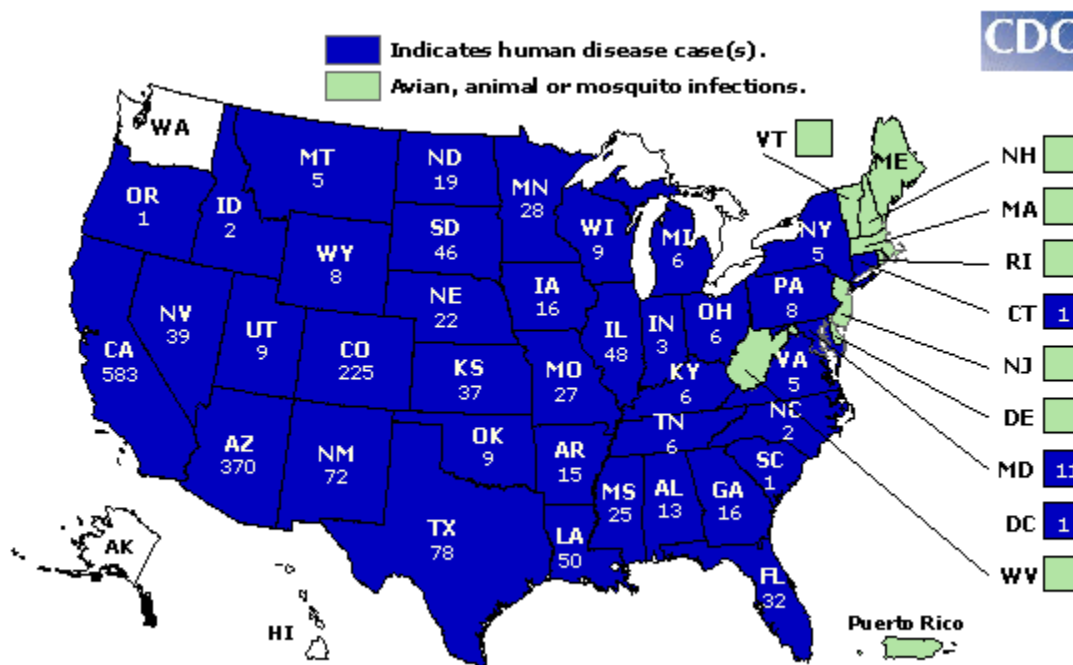
## West Nile Virus Newsletter

For the second year, the Department of Health (DOH) is using this electronic newsletter as a regular communication tool for West Nile virus (WNV). It will be provided routinely throughout the summer to keep our partners informed about WNV in Washington State, as well as information from other areas of the country.

### Surveillance News

*Provided by the Centers for Disease Control and Prevention*

#### 2004 West Nile Virus Activity in the United States (reported to CDC as of October 5, 2004)



As of October 5, 2004, 39 states have reported a total of 1,865 human cases of West Nile virus (WNV) illness to CDC through ArboNET for 2004. Among 1,833 WNV cases with clinical and demographic data available, the median age was 51 years (range 1 month -99 years) and 1071 (58 percent) were males. Of these 1,833 cases, 666 (36 percent) were neuroinvasive. In 2004, there have been a total of 59 published WNV-related fatalities. Of these 59 fatal cases clinical and demographic data were available on 58. The median age of these 58 decedents was 75 years (range 43-95 years).

Additional information about national WNV activity is available from CDC at <http://www.cdc.gov/ncidod/dvbid/westnile/index.htm>. Maps detailing county-level human, mosquito, veterinary, avian and sentinel data are published each week on the collaborative USGS/CDC West Nile virus website: <http://westnilemaps.usgs.gov>.

## WNV Around the Northwest

Fortunately, the West Nile virus activity in the Northwest has been low compared to other western states. Idaho is reporting three human cases, six positive bird, 21 horse cases and one infected alpaca as of October 4, 2004. Oregon is reporting two human cases, 20 positive birds and 31 horse cases as of October 5, 2004.

Washington and British Columbia continue to have no reported West Nile virus activity yet this season. Surveillance activity continues and only time will tell if they both can end another West Nile season without the virus being detected.

## Washington Non-human Surveillance Summary

*Reported to Washington State Department of Health as of September 16, 2004*

County	Horses*		Birds**		Sentinel Flocks***		Mosquito Pools****	
	Tested	Positive	Tested	Positive	Tested	Positive	Tested	Positive
Adams	0	0	3	0	0	0	0	0
Asotin	0	0	1	0	0	0	0	0
Benton	0	0	16	0	311	0	84	0
Chelan	1	0	6	0	0	0	0	0
Clallam	0	0	5	0	0	0	0	0
Clark	1	0	49	0	0	0	22	0
Columbia	0	0	0	0	0	0	0	0
Cowlitz	1	0	22	0	0	0	26	0
Douglas	0	0	0	0	0	0	0	0
Ferry	0	0	0	0	0	0	0	0
Franklin	4	0	3	0	0	0	0	0
Garfield	0	0	0	0	0	0	0	0
Grant	0	0	2	0	0	0	0	0
Grays Harbor	0	0	5	0	0	0	0	0
Island	3	0	21	0	0	0	0	0
Jefferson	1	0	5	0	0	0	53	0
King	1	0	76	0	0	0	5	0
Kitsap	1	0	0	0	0	0	241	0

Kittitas	0	0	4	0	0	0	0	0
Klickitat	1	0	1	0	0	0	0	0
Lewis	0	0	19	0	0	0	0	0
Lincoln	0	0	1	0	0	0	0	0
Mason	0	0	12	0	0	0	0	0
Okanogan	0	0	1	0	0	0	0	0
Pacific	0	0	5	0	0	0	0	0
Pend Oreille	0	0	0	0	0	0	0	0
Pierce	0	0	41	0	0	0	215	0
San Juan	0	0	5	0	0	0	0	0
Skagit	0	0	13	0	0	0	0	0
Skamania	1	0	4	0	0	0	0	0
Snohomish	2	0	80	0	0	0	32	0
Spokane	5	0	13	0	0	0	0	0
Stevens	1	0	7	0	0	0	0	0
Thurston	1	0	31	0	0	0	0	0
Wahkiakum	0	0	0	0	0	0	0	0
Walla Walla	4	0	4	0	0	0	0	0
Whatcom	2	0	10	0	0	0	0	0
Whitman	0	0	2	0	0	0	0	0
Yakima	1	0	3	0	81	0	137	0
<b>Totals</b>	<b>31</b>	<b>0</b>	<b>470</b>	<b>0</b>	<b>392</b>	<b>0</b>	<b>815</b>	<b>0</b>

\*An additional 13 equine tested negative, but were not included in the table because county/state information was not available. WADDL Report Dated: October 5, 2004

\*\*A total 486 birds have been submitted for testing, of which 16 were unsuitable and not tested for West Nile virus. An additional 25 bird specimens are pending.

\*\*\*Benton County MCD Report Dated: September 30, 2004

\*\*\*\*USACHPPM-West Report Dated: October 1, 2004, WADDL Report Dated: September 29, 2004, Clark County MCD Reported: September 8, 2004, and Benton County MCD Reported Date: September 29, 2004.

## British Columbia Surveillance Summary

*As of September 28, 2004, from BC Centre for Disease Control*

	Human Cases	Corvids submitted	Corvids sighted	Mosquito pools
# Tested		1366	1238	2880
# Positive	0	0		0

A rapid decline in both bird sightings and bird submissions for WNV testing is evident. In the past week only 16 new submissions were tested by the animal health centre and 3 new sightings were reported. Mosquito activity is also declining; some areas of the province have discontinued mosquito trapping for 2004. Throughout the entire surveillance period, good geographic coverage has been achieved. To date, both *Culex tarsalis* and *Culex pipiens*, considered very competent vectors of the virus, have been identified in almost all areas of the province. *Culex* mosquitoes comprise greater than 50% of cumulative trap contents in Fraser North/South, Richmond, Vancouver and Kootenay Boundary.

## Community Comments

Let us hear your comments on this newsletter, your needs, or things you would like to see, by sending them to Maryanne Guichard, 360.236.3391 or [maryanne.guichard@doh.wa.gov](mailto:maryanne.guichard@doh.wa.gov)

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## WNV Web Resources

Washington State Department of Health [www.doh.wa.gov/wnv](http://www.doh.wa.gov/wnv)

Center for Disease Control and Prevention <http://www.cdc.gov/ncidod/dvbid/westnile/>

Washington State University Cooperative Extension <http://wnv.wsu.edu/>

Cornell University, Center for Environment <http://www.cfe.cornell.edu/erap/WNV>

Washington State Department of Agriculture

<http://agr.wa.gov/FoodAnimal/AnimalHealth/Diseases/WestNileVirus/default.htm>

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## Article Submission

We are interested in receiving articles for future publications of the WNV newsletter. Please submit articles to Tom Gibbs, [tom.gibbs@doh.wa.gov](mailto:tom.gibbs@doh.wa.gov).

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## DOH Contact List for West Nile Virus

### **General Public Toll-Free Hotline 1.866.78VIRUS**

#### **Publications: Brochures/Response Plan/Fact Sheets**

Laura Harper, 360.236.3380, or [laura.harper@doh.wa.gov](mailto:laura.harper@doh.wa.gov).

#### **Surveillance: Mosquito**

Jo Marie Brauner, 360.236.3064, or [jomarie.brauner@doh.wa.gov](mailto:jomarie.brauner@doh.wa.gov).

#### **Surveillance: Dead bird surveillance, horses, case reporting, laboratory assistance, and general WNV response**

Tom Gibbs, 360.236.3060, or [tom.gibbs@doh.wa.gov](mailto:tom.gibbs@doh.wa.gov).

#### **NPDES: Training, technical assistance**

Ben Hamilton, 360.236.3364, or [benjamin.hamilton@doh.wa.gov](mailto:benjamin.hamilton@doh.wa.gov).

#### **WNV in Humans: Clinical information, case reporting, and laboratory testing**

Call your local health jurisdiction or DOH Communicable Disease Epidemiology, 206.361.2914 or 877.539.4344.

#### **Assistance with news releases and media response**

Donn Moyer, 360.236.4076, or [donn.moyer@doh.wa.gov](mailto:donn.moyer@doh.wa.gov).

Tim Church, 360.236.4077, or [tim.church@doh.wa.gov](mailto:tim.church@doh.wa.gov).

#### **WNV Program Management**

Maryanne Guichard, 360.236.3391, or [maryanne.guichard@doh.wa.gov](mailto:maryanne.guichard@doh.wa.gov).

#### **WNV Coordinator**

Tom Gibbs, 360.236.3060, or [tom.gibbs@doh.wa.gov](mailto:tom.gibbs@doh.wa.gov).

#### **To subscribe to this newsletter**

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